

# Great Lakes Student Activity Book

## I. Introduction

The Great Lakes were carved out of the earth by glaciers during the last ice age - about 20,000 years ago. They have a tremendous impact on many people's lives and health. The Great Lakes ecosystem is constantly exposed to new imbalances imposed by humans. The lakes serve as transportation for ship and barge traffic. The ships and barges often carry animals and plants from other places into the lakes. Many cities and farms border the lakes. Fertilizers and weed killers get into the lakes by running off from these farms and cities. The water quality of the lakes is directly affected by human activities. Because the lakes are so large, they have a significant impact on local weather.

### Get Info Objectives

1. Name the Great Lakes.
2. Determine the distance from student's residence to the Great Lakes.
3. Define "alien" (introduced) species.

### Gather Data Objectives

1. Interpret color coded maps of Great Lakes data.
2. Graph monthly rainfall data obtained from a chart.
3. Determine the effects that imported species have on native animal and plant populations.

## Application Objectives

1. Determine the relationship between the length of time wind has blown over water and the height of waves.
2. Write a paragraph describing Zebra mussels' economic influences.
3. Determine steps necessary to ensure the recovery of the Great Lakes' ecosystems.

- From the main screen, click "Get Info".